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Claim Listing:

1. (Canceled)

2. (Canceled)

3. (New) A transfer guide for use with a high-speed power transmission,

5 comprising:

a transmission chain travelling at a fixed speed;

said transmission chain includes rollers having radii;

said chain and said rollers have an inner circumferential side and an outer
circumferential side;

10 a travel limiting guide pressing on said inner circumferential side of said chain
and said roller;

a sprocket rotating at a fixed angular speed;

said rollers of said transmission chain being meshed with said sprocket;

a curved track;

15 said curved track cancels any change in speed of said rollers of said transmission
chain;

said chain moving polygonally after meshing with said sprocket;

said rollers spaced apart at desired chain pitches and being meshed with said
sprocket;

said outer circumferential side of said chain being open;

said curved track includes first and second outer guides for engaging said inner circumferential side of said rollers; and,

said outer guides in combination with said travel limiting guide pressing on said
5 rollers of said chain and said inner circumferential side of said chain enabling rollers of different radii to be used.

4. (New) A transfer guide for use with a high-speed power transmission as claimed in claim 3 wherein said curved track is formed by two continuous arc-shaped curves, and, said arcs having a common inflection point.